COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **AVIDIN MUTANTS**

REGULAR OR DESIGN APPLICATION

the specification of which: (check one)

| | is attached hereto. | | | | | |
|----------------------------------|---|---|--|--|--|--|
| | was filed on as application Serial No | | | | | |
| _ | | (if | | | | |
| | PCT | FILED APPLICATION ENT | ERING NATIONAL STAGE | | | |
| × | was described and claimed in International application No. PCT/FI2004/000679 filed on 15 November 2004 and as amended on 14 December 2005 (if any). | | | | | |
| l hereby claims, | v state that I have review as amended by any amer | ved and understand the conditional transferred to above. | stents of the above-identified spe | ecification, including the | | |
| acknov | viedge the duty to disclos | e information which is mater | ial to patentability as defined in 1 | Fitte 37, Code of Federal | | |
| Regulat | ions, §1.56. | PRIORITY | CLAIM | | | |
| cate list | ed below and have also | nefits under 35 USC 119 of dentified below any foreign ation on which priority is clain | any foreign application(s) for pa application for patent or inventor ned | itent or inventor's certifi- 's certificate having a fil- | | |
| | | PRIOR FOREIGN A | PPLICATION(\$) | | | |
| | Country | Application | Date of Filing | Priority | | |
| | <u> </u> | Number | (day, month, year) | Claimed | | |
| | Finland | 20031663 | 14 November 2003 | Yes | | |
| | | | | | | |
| | claim the benefit under sted below: | Fitle 35, United States Code | §119(e) of any United States pro | | | |
| Applicat | ion No. | Filing Date | Status (patented, p | pending abandoned) | | |
| (Comple | ete this part only if this is | a continuing application.) | | | | |
| ject mat provided patental | ter of each of the claims I by the first paragraph bility as defined in Title 3 | of this application is not disc of 35 USC 112. I acknowled | States application(s) listed below losed in the prior United States a dge the duty to disclose informans §1.56 which became available liling date of this application: | tion which is material to | | |
| Applicat | ion No. | Filing Date | Status (patented, p | pending abandoned) | | |

POWER OF ATTORNEY

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As a named inventor, I hereby appoint the registered patent attorneys represented by Customer No. 00466 to prosecute this application and transact all business in the Patent and Trademark Office connected therewith, including: Robert J. PATCH, Reg. No. 17,355, Andrew J. PATCH, Reg. No. 32,925, Robert F. HARGEST, Reg. No. 25,590, Benoît CASTEL, Reg. No. 35,041, Thomas W. PERKINS, Reg. No. 33,027, Roland E. LONG, Jr., Reg. No. 41,949, Eric JENSEN, Reg. No. 37,855, Liam MCDOWELL, Reg. No. 44,231, and Philip A. DUBOIS, Reg. No. 50,696,

c/o YOUNG & THOMPSON Second Floor 745 South 23rd Street Arlington, Virginia 22202 Customer Number

Address all telephone calls to Young & Thompson at 703/521-2297. Telefax: 703/685-0573.

| Full name of | sole or first inventor: Henri Rainer | NORDLUND | | |
|----------------|---|-----------------|----------------|----------------|
| Inventor's sig | mature: Henry Norelune | | Date: | 18. July 2006. |
| Residence: | Kulmatie 10, Fl-37560 Lempäälä, F | inland | Citizenship: | Finnish |
| Post Office A | ddress: Kulmatie 10, FI-37560 Len | npäälä, Finland | <u>.</u> | |
| Full name of | second joint inventor, if any: Oill He | ikki LAITINEN | | |
| Inventor's sig | nature: | | Date: | |
| Residence: | Särkiniementie 11 D 33, Fl-70 Finland | 700 Kuopio, | Citizenship: | Finnish |
| Post Office A | ddress: Särkiniementie 11 D 33, F | I-70700 Kuopie | , Finland | |
| Full name of | third joint inventor, if any: Vesa F | ekka HYTÖNE | | |
| inventor's sig | gnature: | | Date: | |
| Residence: | Burstwiesenstrasse 17, CH-8600 Switzerland | 6 Geifensee, | Citizenship: | Finnish |
| Post Office A | ddress: Burstwiesenstrasse 17, C | H-8606 Geifen | see, Switzerla | nd |
| , | | | | |
| Full name of | fourth joint inventor, if any: Markki | u Sakari KULC | MAA | |
| Inventor's sig | gnature: | | Date: | |
| _ | Koulukatu 16 A 16, FI-33200 Tamp | | Citizenship: | Finnish |
| | ddress: Koulukatu 16 A 16, Fl-332 | | | |

Status (patented, pending abandoned)

COMBINED DECLARATION AND POWER OF ATTORNEY

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| the spec | cification of which: (check | one) | • | | | |
|--------------------|--|---|---|--|--|--|
| | | REGULAR OR DESIGN | APPLICATION | | | |
| | is attached hereto. | | | | | |
| | was filed onand was amended on _ | as applicatio | on Serial No pplicable). | | | |
| | PCT | FILED APPLICATION ENTE | RING NATIONAL STAGE | | | |
| \boxtimes | November 2004 | | | | | |
| claims, | as amended by any amen | ament referred to above. | ents of the above-identified spe | | | |
| l ackno Regula | wledge the duty to disclose tions, §1.56. | e information which is materia PRIORITY C | al to patentability as defined in T | itle 37, Code of Federal | | |
| -nto lin | i Ozis Aved bave woled bei | nefits under 35 USC 119 of a dentified below any foreign a tion on which priority is claims PRIOR FOREIGN AP | | tent or inventor's certifi- s certificate having a fil- | | |
| | Country | Application Number | Date of Filing (day, month, year) | Priority Claimed | | |
| | Finland | 20031663 | 14 November 2003 | Yes | | |
| | | | | | | |
| I hereb | y claim the benefit under listed below: | itle 35, United States Code § | 119(e) of any United States pro | visional patent applica- | | |
| Applica | ation No. | Filing Date | Status (patented, | pending abandoned) | | |
| (Comp | lete this part only if this is | a continuing application.) | | | | |
| ject ma provide | atter of each of the claims and by the first paragraph | of this application is not disci | tates application(s) listed below osed in the prior United States a ge the duty to disclose informa is §1.56 which became available ing date of this application: | tion which is material to | | |

Filing Date

Application No.

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Address all telephone calls to Young & Thompson at 703/521-2297. Telefax: 703/685-0573.

| Full name of | sole or firs | st inventor: Henr | i Rainer NORDLUND | | |
|----------------|--------------------------------|-----------------------|-------------------------------------|------------------|-------------------------|
| Inventor's sig | nature: | | | Date: | |
| Residence: | Kulmati | e 10, FI-37560 Len | npäälä, Finland | Citizenship: | Finnish |
| Post Office A | ddress: | Kulmatie 10, FI-3 | 7560 Lempäälä, Finla | nd | |
| Full name of | second jo | int inventor, if any: | Olli Heikki LAITINE | N | |
| Inventor's sig | nature: | 1/h | <u> </u> | Date: | 18, 7. 2006 |
| Residence: | Särkinid Finland | | 3. FI-70700 Kuopio 7, 70700 KUOF | | Finnish |
| Post Office A | .ddress: | | | 4 | uhtatie 7, 70700 Kuopio |
| Full name of t | - | | Vesa Pekka HYTÖI | 5 -1 | |
| Residence: | Burstwi Switzer | | CH-8606 Geifensee | e, Citizenship: | Finnish |
| Post Office A | ddress: | Burstwiesenstra | sse 17, CH-8606 Geife | ensee, Switzerla | nd |
| Full name of | fourth joir | nt inventor, if any: | Markku Sakari KUI | OMAA | |
| Inventor's sig | nature: | | | Date: | |
| Residence: | Kouluk | atu 16 A 16, FI-332 | 200 Tampere, Finland | Citizenship: | Finnish |
| Post Office A | ddress: | Koulukatu 16 A 1 | 16, FI-33200 Tampere | , Finland | |

Status (patented, pending abandoned)

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| the spe | cification of which: (chec | k one) | | • | | | |
|--------------------|--|---|--|--|--|--|--|
| | | REGULAR OR DESIG | N APPLICATION | | | | |
| | is attached hereto. | | · | | | | |
| | was filed on as application Serial No and was amended on (if applicable). | | | | | | |
| | PC" | FILED APPLICATION ENT | ERING NATIONAL STAGE | | | | |
| | was described and claimed in International application No. <u>PCT/FI2004/000679</u> filed on <u>15 November 2004</u> and as amended on <u>14 December 2005</u> (if any). | | | | | | |
| claims, | as amended by any ame | ndment referred to above. | ntents of the above-identified spe | | | | |
| l ackno Regula | wledge the duty to disclo tions, §1.56. | se information which is mate PRIORITY | rial to patentability as defined in T | itie 37, Code of Federal | | | |
| cate lis | ted below and have also | enefits under 35 USC 119 of identified below any foreign ation on which priority is clair | any foreign application(s) for par application for patent or inventor ned. | tent or inventor's certifi- s certificate having a fil- | | | |
| | | PRIOR FOREIGN A | • | | | | |
| | Country | Application Number | Date of Filing (day, month, year) | Priority Claimed | | | |
| | Finland | 20031663 | 14 November 2003 | Yes | | | |
| I hereb tion(s) | y claim the benefit under listed below: | Title 35, United States Code | §119(e) of any United States prov | visional patent applica- | | | |
| Applica | ation No. | Filing Date | Status (patented, p | ending abandoned) | | | |
| (Comp | lete this part only if this is | a continuing application.) | | | | | |
| | | of this panilestian is not disc | States application(s) listed below closed in the prior United States a dge the duty to disclose information at 55 which become available | DDIICALION III WIE MANINE | | | |

patentability as defined in Title 37 Code of Federal Regulations §1.56 which became available between the filing date

of the prior application and the national or PCT international filing date of this application:

Filing Date

K

Application No.

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| Full name of sole or first inventor: Henri Rainer NORDLUN | ID | |
|---|---------------------|-----------|
| Inventor's signature: | Data | |
| Residence: Kulmatie 10, Fl-37560 Lempäälä, Finland | Citizenship: | Finnish |
| Post Office Address: Kulmatie 10, FJ-37560 Lempäälä, Fin | nland | |
| Full name of second joint inventor, if any: Olli Heikki LAITI | NEN | |
| Inventor's signature: | Date: | |
| Residence: Särkiniementie 11 D 33, FI-70700 Kuo | oio, Citizenship: | Finnish |
| Post Office Address: Särkiniementie 11 D 33, FI-70700 Ki | uopio, Finland | |
| Full name of third joint inventor, if any: Vesa Pekka HYT | | |
| Inventor's signature: | Date: | 26/7/2006 |
| Residence: Burstwiesenstrasse 17, CH-8606 Geifens Switzerland | see, Citizenship: | Finnish |
| Post Office Address: Burstwiesenstrasse 17, CH-8606 G | eifensee, Switzerla | nd |
| | | |
| Full name of fourth joint inventor, if any: Markku Sakari k | ULOMAA | |
| Inventor's signature: | Date: | |
| Residence: Koulukatu 16 A 16, Fl-33200 Tampere, Finla | nd Citizenship: | Finnish |
| Post Office Address: Koulukatu 16 A 16 FL33200 Tamps | ere. Finland | |

Status (patented, pending abandoned)

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| | is attached hereto. | | | |
| | was filed on | as applica | tion Serial No. | |
| _ | and was amended on | (if | applicable). | |
| | PCT F | ILED APPLICATION ENT | ERING NATIONAL STAGE | |
| ⊠ | was described and claims and as amended on 14 D | ed in International applicat acember 2005 (if any). | ion No. <u>PCT/FI2004/000679</u> filed t | on <u>15 November 2004</u> |
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| l acknov Regulat | viedge the duty to disclose ions, §1.56. | information which is mater PRIORITY | rial to patentability as defined in T | itie 37, Code of Federal |
| cata liet | claim foreign priority bene ed below and have also ide before that of the application | intified below any foreign | | ent or inventor's certifi- s certificate having a fil- |
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| | Country | Number | (day, month, year) | Claimed |
| | Finland | 20031663 | 14 November 2003 | Yes |
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|--|---------------------|---------|------|--|
| Inventor's signature: | Date: | | | |
| Residence: Kulmatie 10, Fl-37560 Lempäälä, Finland | Citizenship: | Finnish | | |
| Post Office Address: Kulmatie 10, Fl-37560 Lempäälä, Fir | iland | | | |
| Full name of second joint inventor, if any: Olli Heikki LAITII | NEN | | | |
| Inventor's signature: | Date: | | | |
| Residence: Särkiniementie 11 D 33, FI-70700 Kuor | | Finnish | - | |
| Post Office Address: Särkiniementie 11 D 33, FI-70700 Ku | uopio, Finland | | | |
| Full name of third joint inventor, if any:Vesa Pekka HYT | ÖNEN | | | |
| Inventor's signature: | | | | |
| Residence: Burstwiesenstrasse 17, CH-8606 Geifens Switzerland | | Finnish | | |
| Post Office Address: Burstwiesenstrasse 17, CH-8606 Ge | elfensee, Switzerla | nd | | |
| Full name of fourth joint inventor of any: Markku Sakari K | ULOMAA | | | |
| Inventor's signature: | Date: | 18/7 | 2006 | |
| Residence: Koulukatu 16 A 16, FI-33200 Tampere, Finla | nd Citizenship: | Finnish | | |
| Post Office Address: Koulukatu 16 A 16, FI-33200 Tampe | | · | | |